

**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph beginning on page 1 at line 14 with the following amended paragraph:

Prior approaches for modifying packet data are generally implemented through dedicated hardware, and allow for only limited and fixed categories of modifications such as the insertion or deletion of a VLAN, the replacement of a MAC Destination Address/Source Address (DA/SA), the decrementing of the Time To Live (TTL) field, or the incrementing of the TC field. For example, in one approach, VLAN insertion/deletion is performed in the MAC by a dedicated serial shift register and a hard coded state machine, and MAC DA/SA replacement and TTL decrementing is performed by a dedicated multi-plexor. Because these approaches are all “hard-coded,” they are inflexible and cannot easily accommodate the diverse types of packet modification operations required in current packet switching environments.

Please delete the section beginning on page 6 at line 1 entitled “Related Applications,” and replace it with the following replacement section:

**RELATED APPLICATIONS**

The following applications are commonly owned by the assignee hereof, are being filed on even date herewith, and are each incorporated by reference herein as though set forth in full:

Howrey Dkt. No.	Extreme Dkt. No.	Title
02453.0025.NPUS00	P111	PACKET PROCESSING SYSTEM ARCHITECTURE AND METHOD
02453.0025.NPUS01	P153	PACKET PROCESSING SYSTEM ARCHITECTURE AND

## METHOD

02453.0026.NPUS00	P122	PACKET DATA MODIFICATION PROCESSOR
02453.0027.NPUS00	P124	SYSTEM AND METHOD FOR PACKET PROCESSOR STATUS MONITORING
02453.0028.NPUS00	P126	METHOD AND SYSTEM FOR INCREMENTALLY UPDATING A CHECKSUM IN A NETWORK DATA PACKET
02453.0029.NPUS00	P127	SYSTEM AND METHOD FOR EGRESS PACKET MARKING
02453.0030.NPUS00	P128	SYSTEM AND METHOD FOR ASSEMBLING A DATA PACKET
02453.0032.NPUS00	P125	PACKET DATA MODIFICATION PROCESSOR COMMAND INSTRUCTION SET
<u>02453.0043.PZUS00</u>	<u>P156</u>	<u>RECEIVE-SIDE PACKET PROCESSING SYSTEM</u>